

Titanium Dioxide Market in Australia are Projected to Reach US\$ 3,150.5 Million with Growing at 5.2% CAGR by 2034

This growth is driven by demand in sectors such as construction, manufacturing, and automotive | Fact.MR Report

ROCKVILLE, MD, UNITED STATES, December 17, 2024 / EINPresswire.com/ -- The <u>titanium</u> <u>dioxide business in Australia</u> is expected to be worth US\$ 1,897.7



million in 2024. Projections show a continuous expansion with a 5.2% CAGR through 2034. Anticipated growth is expected to boost the business to an outstanding \$3,150.5 million by 2034.

The titanium dioxide business in Australia has grown significantly due to the country's mining industry. Australia has a few titanium dioxide mines, and the business is heavily reliant on both domestic production and imports to meet demand.

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Key Drivers:

Construction Industry Growth: Ongoing infrastructure projects, residential developments, and commercial constructions require substantial amounts of titanium dioxide-based products, particularly in paints, coatings, and construction materials.

Manufacturing Sector Expansion: The manufacturing sector, including plastics and automotive components, significantly contributes to titanium dioxide demand. Its versatility enhances product quality, durability, and aesthetics across various applications.

UV Resistance Properties: Titanium dioxide's UV-resistant properties help maintain the appearance of painted surfaces by preventing color fading and degradation caused by sunlight

exposure. This makes it valuable in various construction materials beyond paints, including coatings for concrete and plastics used in building components.

Compliance with Environmental and Safety Regulations: Titanium dioxide-based products often meet stringent environmental and safety standards, making them a preferred choice for construction projects adhering to regulatory requirements.

Consumer Awareness and Preference: Increased awareness among consumers about the importance of quality construction materials and finishes has led to a preference for products offering superior performance and longevity, further driving the demand for titanium dioxide-based coatings and materials.

Leading Players Driving Innovation in the Titanium Dioxide Industry Analysis in Australia

Tronox Limited; Cristal Australia Pty Ltd; Iluka Resource Limited; The Chemours Company; Argex Titanium Inc.; Evonik Industries; The Kish Company, Inc.; Ishihara Sangyo Kaisha Ltd.; Tayca Corporatio; INEOS

State-wise Insights:

The titanium dioxide industry in Victoria is expected to grow at a CAGR of 4.4% through 2034. The Northern Territory is expected to lead the titanium dioxide sector by 2024, accounting for 21% of the total. Meanwhile, the titanium dioxide business in Western Australia is expected to grow significantly, with a 4.1% CAGR projected until 2034.

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Comparative Landscape:

Companies that manufacture titanium dioxide mineral sands and pigments prioritise operational efficiency and cost effectiveness. They accomplish this by investing in environmentally friendly technology, particularly the chloride method for titanium dioxide pigment synthesis. This technology reduces trash output and facilitates recovery, which aligns with their commitment to environmentally friendly methods while increasing production efficiency.

Tronox operates titanium dioxide mining and processing plants around the world, notably in Australia. Their emphasis on sustainable methods and innovation has led to advances in titanium dioxide production, assuring high-quality goods while minimising environmental effect.

Iluka Resources is another major player in Australia's titanium dioxide sector. While primarily concerned with mineral sands mining, which includes titanium dioxide-rich minerals, their

efforts have been critical in delivering raw materials to the worldwide titanium dioxide industry.

Titanium Dioxide Industry in Australia - Key Segments:

The Titanium Dioxide Industry in Australia can be segmented based on product type and states. By product type, the market is divided into pigments and non-pigments, with pigments holding a significant share due to their widespread use in paints, coatings, and plastics. Geographically, the industry is spread across key regions, including New South Wales, Queensland, South Australia, Tasmania, Victoria, Western Australia, and Northern Territory, where demand is driven by regional construction activities, manufacturing hubs, and infrastructure development. Each state plays a unique role in contributing to the overall growth of the titanium dioxide market in Australia.

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The global <u>titanium dioxide nanomaterials market</u> is projected to surge ahead at a CAGR of 7.7% over the 2022-2032 forecast period. The market is expected to reach a value of around US\$ 3.6 billion by 2032, up from US\$ 1.71 billion in 2022.

The global <u>carbon dioxide market size</u> is projected to be worth US\$ 4.3 billion by the end of 2034, ascending from US\$ 1.9 billion in 2024. This is because worldwide demand for carbon dioxide is forecasted to increase at a noteworthy CAGR of 8.3% through 2034.

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